

# NTP SERVER

Click on the product picture to access the on-line datasheet



VCL-2156-NTP



VCL-2145-D



VCL-2424-D



VCL-3048



Type	NTP - PTP server PRC clock	NTP - PTP server PRC clock SSU	Ruggedized NTP & PTP server	Ruggedized NTP & IRIG-B server
Inputs	GPS	2x GPS 10 MHz 2.048 MHz / Mbps	GPS	GPS
Outputs	4x NTP 2x IRIG-B NMEA 1PPS 1PPM / 1PPH 1/5/10 MHz 2.048 MHz	4x NTP 1x PTP 6x IRIG-B NMEA 1PPS / PPM 1/5/10 MHz 8x 2.048 Mbps 8x 2.048 MHz	1x NTP 1x PTP NMEA 1PPS 10 MHz 2.048 MHz	1x NTP 2x IRIG-B
Oscillator	OCXO	OCXO Rubidium	OCXO	TCXO
Power supply	2x 48 Vdc or 110-230 Vac	2x 48 Vdc or 110-230 Vac	24 / 48 Vdc	24/48 Vdc
Format	1U / 19"	2U / 19"	DIN	DIN
Size WxDxH mm	480x225x44	480x225x85	192x177x77	192x177x77



# PTP SERVER



Click on the product picture to access the on-line datasheet



Type	NTP - PTP server PRC clock	NTP - PTP server PRC clock SSU	Ruggedized NTP & PTP server	PTP Slave clock	PTP Slave clock	PTP Transparent Clock PTP Aware Ethernet Switch
Inputs	GPS	2x GPS 10 MHz 2.048 MHz / Mbps	GPS	PTP	PTP	Ethernet, PTP
Outputs	4x NTP 2x IRIG-B NMEA 1PPS 1PPM / 1PPH 1/5/10 MHz 2.048 MHz	4x NTP 1x PTP 6x IRIG-B NMEA 1PPS / PPM 1/5/10 MHz 8x 2.048 Mbps 8x 2.048 MHz	1x NTP 1x PTP NMEA 1PPS 10 MHz 2.048 MHz	2x IRIG-B NMEA 1PPS 10MHz 2.048 MHz 2.048 Mbps	4x IRIG-B 4x NMEA 4x 1PPS	Ethernet, PTP
Oscillator	OCXO	OCXO Rubidium	OCXO	OCXO	OCXO	NA
Power supply	2x 48 Vdc or 110-230 Vac	2x 48 Vdc or 110-230 Vac	24 or 48 Vdc	2x 48 Vdc or 110-230 Vac	24 or 48 Vdc	24 - 48 Vdc
Format	1U / 19"	2U / 19"	DIN	1U / 19"	DIN	Compact
Size WxDxH mm	480x225x44	480x225x85	192x177x77	480x280x44	192x177x77	168x134x41



# IRIG-B Timing



Click on the product picture to access the on-line datasheet



Type	Ruggedized NTP & IRIG-B server	IRIG-B Time server	IRIG-B Time converter	PTP Slave clock	IRIG-B Time server
Inputs	GPS	GPS	NTP	PTP	GPS
Outputs	1x NTP 2x IRIG-B	3x IRIG-B 1PPS	4x IRIG-B	4x IRIG-B 4x NMEA 4x 1PPS	up-to 16x IRIG-B up-to 16x 1PPS
Oscillator	TCXO	TCXO	TCXO	OCXO	OCXO
Power supply	24-48 Vdc	12-48 Vdc	24-48 Vdc	24 or 48 Vdc	24Vdc or 48Vdc or 230Vac
Format	DIN	Compact	DIN	DIN	2U / 19"
Size WxDxH mm	192x177x77	168x134x41	192x172x74	192x177x77	480x250x44



# PRC & SSU



Click on the product picture to access the on-line datasheet

## VCL-2145-D



Type	NTP - PTP server PRC clock SSU
Inputs	2x GPS 10 MHz 2.048 MHz / Mbps
Outputs	4x NTP 1x PTP 6x IRIG-B NMEA 1PPS / PPM 1/5/10 MHz 8x 2.048 Mbps 8x 2.048 MHz
Oscillator	OCXO Rubidium
Power supply	2x 48 Vdc or 110-230 Vac
Format	2U / 19"
Size WxDxH mm	480x225x85

### CVL-2145-LC : PRC, NTP, SSU CVL-2145-D : PRC, NTP & PTP, SSU

Synchronization inputs  
GPS  
1x 10MHz  
1x 2.048 Mbps  
1x 2.048 MHz



Synchronization outputs  
NTP, PTP  
6x IRIG-B, 1x NMEA  
1xPPS, 1x 1/5/10 MHz  
8x 2.028 MHz  
8x 2,048 Mbps E1



www.cxr.com  
Smart Solutions for Smart Networks

Rev. 02